

MRM-24 2.4 GHz Digital Receiver Module

Key Features

- Operates in the 2.4 GHz user license-free ISM band. Up to 12 preset compatible channels.
- True diversity technology and stable digital FSK modulation circuit eliminate signal dropouts and ensure best reception quality.
- Combining FHSS frequency-hopping technique with adaptive tracking algorithm to prevent interferences from other 2.4 GHz wireless devices.
- Featuring an easy-to-read channel LED display, audio and transmitter battery status indicators.
- The modular design allows for fast and easy installation or replacement.
- No analog's companding noise. Ideal sound amplification for musical instruments.



Transmitters

ACT-24HC	Rechargeable Handheld Transmitter
ACT-24TC	Rechargeable Bodypack Transmitter
VT-24 ST-24 ET-24 MT-24	Digital Instrument Transmitter

Related Products

MA-505	Portable Wireless PA System
MA-707	Portable Wireless PA System
MA-708	Portable Wireless PA System
MA-808	Portable Wireless PA System

Technical Specifications

Frequency Range	2.4000 – 2.4835 GHz
Preset Frequency	12 preset frequencies in total
Channel Set-up	SCAN and ACT sync
Display Status	Channel, audio meters and the battery status of the transmitter
Receiving Mode	Dual-tuner Digital Diversity
Sensitivity	+12 dB μ V
Frequency-hopping	Each channel has 4 preset hopping frequencies.
Audio Sampling	24-bit / 44.1 kHz Rate
Latency	< 4 ms
Audio Frequency Response	20 Hz – 20 kHz
S/N Ratio (Analog Output)	> 115 dB(A)
T.H.D.	< 0.1% @ 1 kHz
Audio Output	2 Vrms
Antenna	50 Ω fixed antenna \times 2
Power Supply	10 – 15 V DC
Power Consumption	< 1.5 W
Dimensions (W \times H \times D)	74.5 \times 34.5 \times 149 mm / 2.9 \times 1.4 \times 5.9 "
Weight	78 g / 1.3 oz
Operating Temperature	-10 $^{\circ}$ C – +60 $^{\circ}$ C



MIPRO Electronics Co., Ltd

Headquarters: 814 Pei-kang Road, Chiayi, 60096, Taiwan
Tel: +886.5.238.0809 | Fax: +886.5.238.0803
www.mipro.com.tw | mipro@mipro.com.tw